

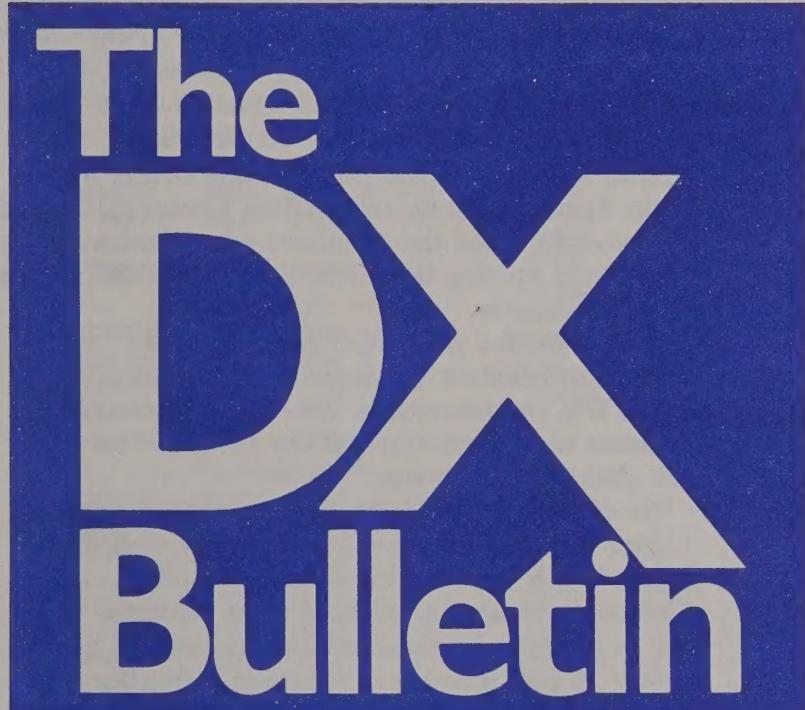
DXpedition News

Vietnam - 3W 3W8DX came on the bands on schedule, and was very workable from the west coast. Watch 28535, 21235, 14235, 7040-85, and 3802-3895 kHz on SSB, and 28035, 21035, 14035, 7001-5, and 3501-5 kHz on CW, from **3W8CW**. They promise 24-hour-a-day activity, including CQWW SSB. QSL routes Issue 458.

Rotuma - 3D 3D2XX also came on from the possible new DXCC country of Rotuma, as promised. They have been active near their announced frequencies (Issue 459). They'll be there until Nov. 4; don't miss them!

Cyprus - 5B Lloyd W6KG and Iris W6QL Colvin are off on their annual Yasme DXpedition, starting in Cyprus. They typically stay 3-4 weeks in each country, alternating callsigns ending in QL or KG. The 1988-89 itinerary concentrates on Africa and Asia. Iris is often in SSB nets trying to work DXCC from each country. QSL Yasme: P.O.Box 2025, Castro Valley CA 94546.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

Africa Tom Gregory N4NW is back in Zaire, and will be active in the CQWW SSB as **9Q5NW**. He is putting up a 4-element 12-meter beam soon, so look for him on that band. He also has an SB-110 6-meter rig and 5-element beam, and he'll be on 6 soon as well. Before the end of the year, he'll operate as **TL8TG** on CW only from the Central African Republic. He also plans another **TN4NW** operation from the Congo after mid-November. Meanwhile Tom Warren K3TW is starting a two-year assignment in Tanzania, and has applied for his **5H** callsign, which he says may take a few months. His 'beat' includes Djibouti J28, Comoros D68, Malawi 7Q7, and Kenya 5Z4, as well as other African spots. Tom has been very successful at getting on the air from rare spots, so listen for him.

Niger - 5U Baldur DJ6SI is due on as **5UV386** now through Nov. 6. He mentions SSB as well as CW.

October 28, 1988

Issue 460

CQWW SSB Oct. 29-30

- Joe LU7HJM will be on as **L4H** in the test.
- YE2Z will be a multi-single entry, including YB0SY, YB0DPO, YB0TK, and others.
- NA9D will operate as **VS6WO** single-op, 40-10 meters. QSL to K9EC, 1988 Callbook address only.
- DJ9ZB will be on from the QTH of **SU1EE**.
- Norwegian contestants get a temporary break on 160 meters for the test. They can operate SSB 1810-1850 kHz with 100 watts from 2301Z Oct. 27 to 2259Z Nov. 3.

Reserve your 'Island' - CQWW CW

- The Bavarian DX Group will be on as **LX8A** for the **CW** test, not SSB, multi-op, all bands. Watch 1833, 1850, 3503, 3533, 7007, and 35 kHz up on the higher bands. QSL to DL7MAE, or via DARC bureau. (Thanks **DXNS**.)
- Al WA2TMP will operate **4U1ITU** Nov. 23-30, including an all-band entry in the test. He'll be on CW and SSB outside the test. QSL to NS7F.

Shortly Noted

- Tom Warren K3TW says his **AT0T** cards were delayed due to his transfer from India, but are due from the printer very soon. QSL AT0T to KE3A.
- Several DXers have reported receiving QSLs from Amir **4X6TT**'s Pacific DXpedition last Spring. The cards are worth the wait. If you sent too many cards to fit in one envelope, the rest will be returned via the bureau.
- Several Dutch DXers will operate from Luxembourg Nov. 3-8, CW and SSB, 10-160 meters, including the WARC bands, and maybe 6 meters.
- Elsa **T77JK** is the first YL from San Marino.
- Oman will restructure its amateur callsigns as of Dec. 23, 1988. **A41** prefixes will designate Omani locals, **A43** calls will be used for special events, **A45** calls are reserved for ex-patriot operators, and **A47** calls for clubs.
- QRPer **7X4AN** likes 21010 around 2200Z. QSL DJ2BW.
- Many rare Oblasts have been active recently. The **EK8HWT**, **EK8IZN**, and **RW9OWW/UI6C** operations were by the Novosibirsk group; QSL to Mike Golovko UA9OJ, P.O.Box 173, Novosibirsk-3Y 630034 USSR. Oblast 129 **UA0X** is represented by Nick UA0XAC on 80 meters, and Vlad UA0XAI on 80-15 meters. Vlad also uses the suffixes **XAJ XAG** and **XAK**.
- Regulars (call, frequency or band, UTC time): **4K0D** 14031 00-0300Z; **4S7EA** 14015-26 0030Z; **CS3GS** 14004 2300Z+; **RH8AO** 20M CW 0345Z; **UJ8XDH** 14003-9 0130Z and 10M CW 1200Z; **UA1OIL** in Franz Josef Land 14165 12-1300Z; **9M2RU** 21026 0100Z; **9Q5DX** 28010 18-2200Z and 28550-65 2000Z; **BV2DA** 28010-20 0010Z; **TU4CO** 28010 2130Z; **BY9GA** 28536 0000Z; **CN2AQ** 28520-30 14-1800Z; **D44BC** 10M SSB 1800Z; **OD5VT** 28500-15 1200Z; and **S92LB** 10M SSB 20-2100Z.
- RTTY Report: **UA3TT/RF8F** will be on through Nov. 16. Jean **6W6JX** will operate from Gambia C5 in Nov. He was on as **6V6A** in Oct. QSL F6FNU. **8Q7DL** was on 14097 kHz at 0200Z; QSL DL9BAF. **SV5TS** 14086 kHz at 2020Z; **OD5NG** 14070 0420Z; **FK8XE** 14091 0530Z; **TA4A** 14089 2330Z; **YI1BGD** 14090 1930Z; **TU2MA** 14094 2330Z; **J52US** 14091 0100Z; and **5W1GZ** 14075 ARQ 0415Z.

Propagation

Forecast and Historical Data

Day	Forecast	27 Days Before	55 Days Before
<u>October</u>			
28	High Normal	10/01 179 14/17 2	9/03 174 10/19 2
29	Above Normal	10/02 195 04/09 0	9/04 163 09/15 2
30	Above Normal	10/03 202 01/10 1	9/05 163 03/10 0
31	High Normal	10/04 189 06/15 3	9/06 150 01/10 1
<u>November</u>			
1	Low Normal	10/05 189 18/24 2	9/07 143 05/11 1
2	Disturbed	10/06 188 24/40 4	9/08 136 05/12 2
3	High Normal	10/07 181 05/13 1	9/09 126 03/11 2
4	High Normal	10/08 174 06/13 3	9/10 114 08/17 2
5	Low Normal	10/09 176 14/22 2	9/11 120 33/65 4
6	Disturbed	10/10 179 41/103 5	9/12 125 19/30 2
7	Low Normal	10/11 170 17/27 1	9/13 122 14/24 1

Propagation Watch

The bands continue to provide good to excellent DX. The higher bands open up very soon after sunrise, and stay open past local sunset. 20 meters is filled with DX from early evening until well after local midnight. The occasional burst of solar activity tends to increase absorption on the lower bands, but even 40 and 80 meters open some days, especially after a few days in a row of low geomagnetic activity.

The forecast for the next two weeks is mixed. Two large, active regions (groups of sunspots) are due to return to the side of sun facing us: RegionS 5171 and 5175. Although 5171 was fading as it disappeared around the back of the sun on October 8, it was responsible for much of the extremely high solar flux levels in late September and early October. Region 5175 is due back on Oct. 27; it produced a host of solar flares last time, and may have been responsible for the ionospheric storm that wiped out the bands on Oct. 10.

If these regions hold true to form, we can look forward to some great band conditions, especially on 10 and 12 meters, in late October and the first few days of November, followed by increased chance of geomagnetic disturbances beginning around Nov. 4. Listen to WWV at 18 minutes after the hour for the latest scoop. The forecast for the rest of November looks very good, although the maximum usable frequency will tend downward as we approach the winter solstice.

VHF DXers should watch Nov. 4-7 carefully, as we may have a repeat of the excellent trans-equatorial openings associated with the Oct. 10 ionospheric storm. 6 meters was open into South America and the Pacific, from much of the US. When auroral flutter degrades the polar path on HF, check 6 meters for possible openings!

5-Band WAZ Times 2

Mike Smedal 5B4TI has sent off 200 cards to Leo Haijsman W4KA for his *second 5-band Worked All Zones* award! Mike earned his first 5-band WAZ as A71AD, before moving to Cyprus. He took 26 months to confirm the contacts for his second award. Are there any other amateurs who have earned *two 5-band Worked All Zones* awards?

PRB-3

The Federal Communications Commission (FCC) may soon announce the fate of PRB-3, the proceeding where they asked if anyone other than the FCC would be willing to issue special callsigns. The ruling will probably say that the FCC will *not* farm out the issuance of special calls to a private party. Instead, look for the FCC to set up a very limited system to issue a few special calls each year.

Recycling Old Callbooks

What do you do with last year's Callbooks when the 1989 editions arrive in a few weeks? How about sending them to deserving DXers in Russia and Eastern European countries, where even year-old Callbooks are greatly appreciated? Bruce Butler W6OSP has details on an inexpensive way to send the books to Russia; contact him for details. Also, if you know of any amateur who would benefit from a donation of last year's Callbooks, contact Bruce or The DX Bulletin, and we'll see that they get a copy.

WWV's Propagation Broadcasts

Hal Smith W2GKE was one of many DXers who wrote to the Space Environment Services Center (SESC) in Boulder, Colorado, when the 18-minute-after-the-hour solar data reports were missing from WWV. Here's SESC's reply:

Dear Mr. Smith:

Thank you for your letter concerning the Space Environment Services Center's portion of the WWV announcement. We realize that many amateur radio operators use our data, and we are glad to be of service.

As of September 12 the solar-terrestrial indices message has been electronically mailed to the WWV transmitting site in Ft. Collins, Colorado. Arrangements have been made for this message to be recorded and transmitted by WWV. A new message is recorded daily after 1800 UT and should be available on subsequent propagation reports.

The current problem at the Ft. Collins site is anticipated to be solved very near the beginning of October 1988. They are also installing a new backup system to prevent this situation from occurring again.

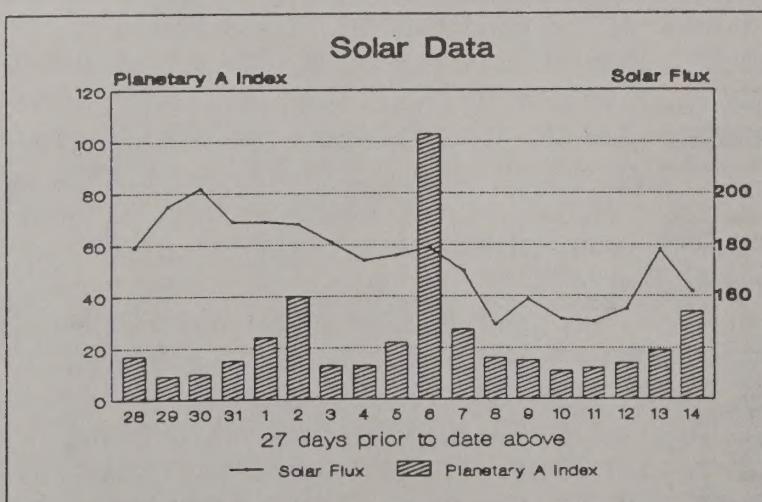
We apologize for any inconvenience.

(s) Michael Abbott, SESC.

Thanks to Hal and all the other DXers who contacted SESC to say how valuable the WWV solar data reports are to amateurs!

FAX and Compu-Serve

In answer to the numerous requests, Yes, The DX Bulletin has a 24-hour FAX number: (707) 523-0852, and a Compu-Serve number: 75755,737 (checked over the weekend.) The DX Bulletin continues to be available electronically 0100-0400Z Tuesdays (that's Monday night local time); contact The DX Bulletin for details.



Bandpass
Reports Wanted
Ask for forms.

-----RTTY-----

6V6A 14082 2315 16 CA
CN8BX 14088 2257 11 OH
CT1AAL 28083 1640 16 CA
CT3BX 14092 0116 14 CO
EA8CK 14095 0057 14 LA
JA3EVZ 28091 2358 15 OH
LX1JB 28086 1635 15 CA
RI2/UA9FF 14095 1400 15 CO
PBJ1/UA9FM 14090 0258 16 WA
SV5TS 14085 1305 16 MN
SV5TS 14096 0427 17 WA
UA4F/RA3AL 14096 0422 16 WA
UA9FX 14096 0345 18 CA
UZ3AYR 28094 1230 15 OH
V44KL 21087 1947 16 WA
VP5/G0AZT 14091 0300 13 FL
ZC4JA 28096 1540 16 CA
ZK1CT 14083 0442 17 WA

-----160 Meters-----

AH6IQ 1829 1410 12 WA
J52US 1827 0005 10 MA
KX6DC 1833 0707 12 WA
TI2CC 1836 0418 15 MA
VK2RS/3 1832 1351 18 WA

-----80 Meters-----

9M2AX 3504 2243 15 PA
CR9NH 3506 2150 12 NH
FT5ZB 3507 1253 15 CO
YD1LBY 3503 1040 16 NH

-----75 Meters-----

3D2XX 3795 2239 23 CA
EA9IE 3797 2253 8 FL
FOOKP 3796 1336 16 CA
LA6WEA 3790 1410 16 CA
ZL4BO 3797 1136 8 FL

-----40 Meters-----

3D2WV 7000 1517 20 OR
3D2XX 7005 0828 22 CA
9Q5DX 7001 0050 14 MA
A4XJZ 7001 0217 7 VT
FOOKP 7002 1108 17 FL
TA2J 7002 0417 14 MD
UA0BAF 7010 2334 17 FL
UA9LBP 7005 0015 12 IA
UC2ADX 7002 0503 18 WA
UF6FB1 7005 0338 15 WI
UG6GAW 7006 0315 13 MD
Y22JD 7004 0544 19 AZ
YB0DPO 7003 1107 19 FL
ZD8IAN 7009 2238 11 MA
ZL7TZ 7161 0745 13 CT
ZS1H * 7006 1450 11 WA

-----30 Meters-----

FOOKP 10110 1313 17 PA
FT5ZD 10104 0037 14 LA
GU4YZV 10102 0614 29 AZ
TF3SZ 10102 1053 3 MD

-----20 Meter CW-----

3B8DA 14025 0255 14 OR

3B9FR 14022 1244 15 IL
3D2XX 14023 0412 23 CA
4K0D 14030 0009 12 VT
4S7CF 14003 0038 20 FL
4S7EA 14014 0040 17 CT
4S7TP 14008 0115 6 MI
4S7WP 14002 0106 18 FL
9V1XC 14009 1445 15 MT
AP2HA 14025 0216 15 MT
BV2B 14014 1305 18 IA
C53GS 14009 0010 14 OR
D68JL 14024 0401 15 WA
EK8IZN 14014 0238 14 OR
EL7X 14024 2341 10 GA
FT2XE 14055 0100 15 OR
FT2XE 14057 1635 20 OR
KH8/SM7PKK 14005 0439 19 OR
OY7ML 14026 2300 15 NE
RH8AN 14021 0305 18 OR
RH8AO 14014 0345 17 MO
RJ1/UA9FM 14012 0220 19 FL
RV0YF 14026 1158 13 NH
Zone 23
TK0A 14025 2200 17 VT
TR8HH 14017 2152 19 FL
UH8AAG 14044 0240 16 MO
UI4C/UA9OJ 14009 0306 21 FL
UJ8XDH 14009 0146 22 FL
VQ9QM 14028 1225 12 MT
YK1AO 14016 0411 20 OR

-----15 Meter SSB-----

9M2RU 21026 0100 14 NE
C9MKT 21025 2120 21 FL
JT1BR 21008 0225 16 OR
KH3/KB5ENR 21024 0117 18 MN
KH8/SM7PKK 21007 0325 17 OR
RV0YF 21025 0141 15 MT
UA1OIM 21013 1210 7 MA
UI9ABL 21007 0336 16 MI
ZF2IK/9 21005 2332 10 GA

-----10 Meter SSB-----

3W8DX 21235 0258 23 CA
4S7NMR 21334 1817 15 NH
4U1VIC 21252 1242 14 NH
5T5CK 21280 2222 14 PA
6W7OG 21247 0225 16 OH
9M2RU 21303 0206 8 MD
9M2ZZ 21260 1746 6 MD
9M8YS 21221 2307 15 WI
BY5HZ 21244 0117 16 WI
BY9GA 21205 0024 14 MD
CE0DFL 21290 0215 11 CO
D44BC 21253 0400 16 OR
D68JL 21335 1910 13 OR
J52US 21218 0210 16 OH
JT1BQ 21244 0146 8 MD
KC4USV 21318 0220 16 OH
TL8JL 21305 2030 10 MD
UI8ZAA 21255 0334 16 WI
ZD8RP 21360 0215 16 OH
ZF2LW/8 21250 0145 16 CT

-----12 Meters-----

4U1ITU 24897 1845 14 CA
4U1ITU 24966 1400 15 VA
4X4KE 24939 1424 15 VA
5N4/4X4FF 24968 1337 9 MD
C31LBB 24975 1348 15 VA
C31UA 24980 1308 16 CT
C6ANI 24949 1700 16 VA
HB0HTA 24976 1557 16 VA
P29ZL 24940 1431 16 CT
TA2BH 24907 1432 15 VA
TF3BM 24974 1336 15 VA
VQ9QM 24903 1543 16 VA
YO6AJI 24902 1518 16 VA

-----10 Meter CW-----

3B8CF 28030 1530 16 NE
3D2WV 28005 2334 20 FL
3D2XX 28005 2100 22 FL
3D2YL 28016 2145 14 OR
5N9ABY 28008 2220 16 LA
9M2AX 28032 2355 16 WA
9M2FP 28011 1430 6 NH
9Q5DA 28011 1652 9 MI
9Q5DX 28011 1812 16 OR
9V1XC 28009 2350 15 MA
A4XJX 28013 1425 16 IN
AP2UR 28011 1215 14 MD
BV2DA 28020 0010 17 MO
BY4RB 28030 0004 16 CT
BY8AC 28018 0144 16 MT
CE0ABC 28030 2105 15 CT
FOOKP 28005 2150 16 FL
HZ1HZ 28005 1853 14 GA
HZ1HZ 28003 1236 9 FL
J28CW 28030 1415 15 IA
J52US 28025 1215 12 OR
KX6DS 28050 0032 9 MA
LX1BA 28093 1555 21 CA
OY6FRA 28004 1427 16 MI
P29PL 28017 2115 8 MA
P40V 28004 2103 21 FL
PZ1AP 28004 1535 17 IA
RI8OA 28021 0310 16 OR
RI8OA 28007 1148 16 FL
SN10JP 28004 1540 17 IA
TA2AH 28019 1700 16 NE
TU0A 28010 2143 21 FL

-----Satellite-----

TU4CO 28010 1508 16 MT
UG6GRA 28024 1157 9 FL
UH8AAX 28032 1305 15 FL
UJ8XDH 28008 1150 15 FL
UK8IZN 28022 1354 15 FL
UL7GK 28022 1225 8 FL
UL7GM 28018 0230 5 CA
UL7RDD 28004 1151 7 MA
XQ7BV 28009 2303 17 FL
ZL7TZ 28020 2234 13 CT
ZS3BI 28050 2000 12 OR

-----Novice Band-----

HKOER 21116 2000 13 NH
OS1A 21113 1538 4 NH
TZ7T 21135 1250 9 NH
YB2CMK 21128 1248 9 NH

Key to Bandpass: Callsign, frequency in kHz, UTC, day of month, state of reporting station. * = long path; P = packet. All 'portable' calls are listed with country of operation first, regardless of format used on the air.

RETURN THIS FORM WITH YOUR REMITTANCE.

Zip + 4 or Country	Postal Code	State
Address	City	Name
Print your Name, Callisign and complete mailing address clearly.		
Expires	Signature	Callisign

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CALENDAR

Issue 460 - October 28, 1988

(Changes and hot info in boldface.)

Algeria - 7X

Antarctica - ZL5

Antigua - V2

Aruba - P4

Bahrain - A9

Belau - KC6 (w)

Bora Bora - FO

Canary Is. - EA8

Cayman - ZF

Central African

Chagos - VQ9

Cocos-Keeling

Congo - TN

Cyprus - 5B

E. Carolines KC6

E. Malaysia - 9M

Franz Josef Land

French Guiana - FY

Galapagos - HC8

Gibraltar - ZB

Guinea-Bissau - J5

Honduras - HR

Hong Kong - VS6

Iraq - YI

Ivory Coast - TU

Jan Mayen - JX

Juan de Nova - FR/J

Kerquelen - FT-X

Kure - KH7

Luxembourg - LX

Macquarie - VK0

Madeira - CT3

Mayotte - FH

Montserrat - VP2M

Mozambique - C9

Netherland Antilles

New Caledonia - FK

Niger - 5U

Niue - ZK2

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XF4C Dec. 15-20 SSB	I455
3B9FR 14020-25 0250Z	I456
3D2XX Oct. 21-Nov 4.	I459
V47NC Oct. 25-Nov. 1	I459
S92LB 10M SSB 20-2100Z	I460
HZ1AB, HZ 10M CW 14-1500Z	I459
VP8s BRR, BUB SSB nets	I457
4S7EA 14015-26 0030Z	I460
YK1AO 14030-40 kHz 0245Z	I458
two years by K3TW	I460
SM7PKK Nov. 8-24	I453
9Y4TT CQWW SSB, CW	I452
by PY5ZZ Nov. low bands	I457
4U1UN 2200Z Friday CW	I457
4U1ITU Nov 23-30 by WA2TMPI	I460
YJ8AA 14213 kHz 1200Z	I453
YJ0ARY Oct. 27-Nov.1	I453
3W8DX, CW Oct. 21-Nov.	I459
FW0RY,BA Oct. 21-31	I453
9M2RU 21026 0100Z	I460
9Q5DX 28010 18-2200Z	I460

DX Activities and Contests

<u>Date</u>	<u>Event or Activity</u>	<u>Info</u>
Oct. 29-30	CQWW SSB Test	CQ
Nov. 5	NEDXCC Diner	K1ST
Nov. 5-7	ARRL SS CW	QST
Nov. 11-13	Japan International	CQ
Nov. 12-13	European RTTY Contest	CQ
Nov. 19-21	ARRL SS SSB	QST
Nov. 26-27	CQWW CW Contest	CQ

Contributors

This Issue of The DX Bulletin would not have been possible without the invaluable assistance of the following:
KH6BZF, SESC, AB8K, K0CVD, K0DEQ, K0KES, K0PP,
K1HDO, K1IK, K1MEM, K1TG, K2PEQ, K2UFM, K3ZO,
K4BAI, K4MF, K5WGQ, K6IR, K6ZH, K7ABV, K7SLI,
K8IQB, K8NEU, K8NN, K8RWL, KA4YAE, KA9OKH,
KB1NS, KD0ZR, KD7SO, KE7X, KJ4BK, KM9J, KQ3S,
KR4M, KW0A, N0BSH, N1DYI, N2KK, N4MM, N4XR,
N6JM, N9QX, NR8Z, NX7K, NY4A, W1BFT, W1CYB,
W1HH, W1NG, W1NH, W1WAI, W3MFW, W4VQ, W6JOX,
W6MUS, W7AWA, W7AYY, W9RXJ, WA1WTP, WA9AQE,
WB3AVN, WB6AFJ, WB6GFJ, WB6Q, WB8SFF, WB8ZRL,
WJ7R, WK7Z, WS7I, WW4Q, K0HB, 5B4TI, W6OSP,
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